



Proposed Code Change
State Form 41186R

RETURN TO:
INDIANA DEPARTMENT OF HOMELAND SECURITY
CODE SERVICES SECTION
302 W. Washington Street Room W246
Indianapolis, IN 46204

FOR OFFICE USE ONLY

Received

Code

INSTRUCTIONS:

Only TYPED copy accepted.

(KEY – Dashed line through material to be deleted, underline material to be added)

Use second sheet for any material requiring more space.

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| Code Title IMC | | Edition 2006 |
| Section number and title 510.6.3 Wall Assemblies | | Page 43 |
| Proponent Michael J. Koppes | Title Fire Protection Engineer | |
| Address 401 South Grant Street, West Lafayette, IN 47907-2024 | | Phone 765-494-1427 |
| PROPOSED CODE CHANGE (Check One) | | |
| <input checked="" type="checkbox"/> Change to read as follows <input checked="" type="checkbox"/> Add to read as follows <input type="checkbox"/> Delete and substitute as follows <input type="checkbox"/> Delete without substitution | | |
| <p>Change the first sentence of section 510.6.3 to read as follows and add the following two exceptions:</p> <p>510.6.3 Wall assemblies. Hazardous exhaust duct systems that penetrate fire-resistance-rated wall assemblies shall be enclosed in fire-resistance-rated construction from the point of penetration to the outlet terminal, except where the interior of the duct is equipped with an approved automatic fire suppression system. Ducts shall be enclosed in accordance with the <i>International Building Code</i> requirements for shaft construction and such enclosure shall have a minimum fire-resistance-rating of not less than the highest fire-resistance-rated wall assembly penetrated.</p> <p><u>Exceptions:</u></p> <p>1. <u>Where the interior of the duct is equipped with an approved automatic fire suppression system . or</u></p> <p>2. <u>Galvanized steel ducts per section 510.8 that penetrate required fire-resistance rated walls of one-hour or less, in other than a group H occupancy when the building is equipped throughout with an automatic sprinkler system in accordance with IBC section 903.3.1.</u></p> | | |
| REASON | | |
| Adds an exception for steel ducts penetrating rated walls of one-hour or less in other than H occupancies when the building is equipped with an automatic sprinkler system. Similar in concept to an exception for steel HVAC ducts [IBC -2006 section 716.5.2 (3)] for deleting fire dampers. | | |
| REVIEW RECOMMENDATION | | |
| Approve | | |
| Disapprove | | |
| Approve as amended | | |
| Further Study | | |